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David Schindler  
8/18/06

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Hae-seok PARK et al.

Art Unit: 2862

Serial No. 10/763,394

Examiner: David M. Schindler

Filed: January 26, 2004

Confirmation No. 4583

For: FLUXGATE SENSOR INTEGRATED IN A  
SEMICONDUCTOR SUBSTRATE AND  
METHOD FOR MANUFACTURING THE  
SAME

Attorney Docket No. 277/044

**AMENDMENT UNDER 37 C.F.R. § 1.116**

Mail Stop: BOX AF  
Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action Made Final dated June 7, 2006, the following amendments and remarks are respectfully submitted in connection with the above-identified application:

**Amendments to the Claims** are reflected in a listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 12 of this paper.